What is claimed is:

1. A method for playing back optical videodisc by using an optical disc drive, the method comprising the following steps:

a. reading video a data from an optical videodisc at highest possible speed of the optical disc drive

b. storing the video data to a storage device

c. halting the operation of the optical disc after the reading process has completed in order to avoid the unnecessary free running during idling time for power saving purpose

d. according to a video playing speed, a video play back device continuously acquiring and playing back the video data from the storage device

e. outputting the video data to a video display unit

2. The method for playing back optical videodisc according to claim 1,wherein the said optical videodisc can be a VCD, SVCD or DVD.

3. The method for playing back optical videodisc according to claim 1,wherein the optical disc drive can be a CD ROM, DVD ROM, CD R/W, DVD R/W or DVD RAM.

4. The method for playing back optical videodisc according to claim 1,wherein the storage device in step (b) is a hard disc.

5. The method for playing back optical videodisc according to claim 1,wherein the storage device in step (b) is a random access memory (RAM).

6. The method for playing back optical videodisc according to claim 1,wherein the said storage device in step (b) is a non-volatile memory.

7. The method for playing back optical videodisc according to claim 1,wherein the step (b) further comprising the following sub-steps:

simultaneously acquiring and playing back the video data that has been stored in the storage device, then outputting the film data to a video display unit according to video playing speed.

8. The method for playing back optical videodisc according to claim 1,wherein the video display unit in step (e) is a television.

9. The method for playing back optical videodisc according to claim 1,wherein the video display unit in step (e) is a monitor.